

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:

NTN CORPORATION

Application Nos.: **See Attached Sheets**

Filed: November 19, 2003

For: POWER OF ATTORNEY AND REVOCATION OF PRIOR POWERS

RESUBMISSION OF POWER OF ATTORNEY AND REVOCATION OF PRIOR POWERS

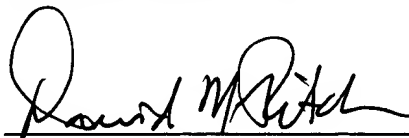
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Assignee of the commonly owned various applications identified herein respectfully requests the recordation of the POWER OF ATTORNEY AND REVOCATION OF PRIOR POWERS filed November 19, 2003. Attached are signed copies of *Statement and Certification Under 37 C.F.R. §3.73(b)* and *Power of Attorney by Assignee of Entire Interest and Revocation of Prior Powers* for 33 U.S. patent applications, as indicated by the serial number for each of them. Also attached, is a copy of the stamped post card indicating that these papers were received by the USPTO on November 19, 2003. To the best of our knowledge, most of these documents have not been recorded at the USPTO for the different applications, and the official USPTO mails is being sent to the old law firm whose power of attorney was revoked. Please advise when we can expect a resolution in this matter by telephoning the undersigned attorney.

Respectfully submitted,

STAAS & HALSEY LLP

By: 
David M. Pitcher
Registration No. 25,908

Date: February 25, 2004

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Powers

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Please Date Stamp and return **FEB 25 2004**

Power of Attorney by Assignee of Entire Interest and Revocation of Prior Powers (3 pages)
and Statement and Certification of Assignment. \$3.73(b) (3 pages)

ASSIGNEE: NTN CORPORATION

ATTORNEY OF
RECORD STAAS & HALSEY LLP

DOCKET NO: 1761.0001/DMP:sbh

DUE DATE: N/A

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STATEMENT AND CERTIFICATION UNDER 37 C.F.R. §3.73(b)

Honorable Commissioner of
Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

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Sir:

This statement hereby certifies that the below-listed patent applications are owned and continue to be owned by the Assignee, NTN CORPORATION, by way of Inventor Assignments identified below:

DOCKET NO.	SERIAL NO.	FILING DATE	INVENTOR(S)	TITLE	ASSIGNMENT RECORDATION DATE	REEL/FRAME
1761.1001	09/944,589	September 4, 2001	Takayuki NORIMATSU	WHEEL BEARING ASSEMBLY	September 4, 2001	012151/0427
1761.1002	09/993,715	November 27, 2001	Yoshihisa KUDO, et al.	WORKSHOP FACILITY DESIGN AND OPERATION SUPPORT SYSTEM ENABLING VERIFICATION OF THE ENTIRE WORKSHOP TO BE PERFORMED EASILY	November 27, 2001	012327/0304
1761.1003	10/300,902	November 21, 2002	Kazuyoshi HARIMOTO, et al.	CONNECTING ROD AND BEARING-EQUIPPED CONNECTING ROD	November 21, 2002	013515/0851
1761.1004	09/880,931	June 15, 2001	Yasuhiro GOTOU, et al.	MACHINE COMPONENT MONITORING, DIAGNOSING AND SELLING SYSTEM	June 15, 2001	011919/0387
1761.1005	09/995,678	November 29, 2001	Takashi HOSOYA, et al.	CONSTANT VELOCITY UNIVERSAL JOINT	November 29, 2001	012329/0927
1761.1006	10/387,563	March 14, 2003	Yoshio FUJIKAWA, et al.	BEARING ASSEMBLY EQUIPPED WITH ROTATION SENSOR CAPABLE OF DETECTING HOME POSITION	March 14, 2003	013867/0861
1761.1007	10/377,755	March 4, 2003	Kenichi IWAMOTO, et al.	BEARING ASSEMBLY WITH ELECTRIC POWER GENERATOR	March 4, 2003	013837/0239
1761.1008	10/382,505	March 7, 2003	Masatoshi MIZUTANI, et al.	ROTATION DETECTING DEVICE AND WHEEL SUPPORT BEARING ASSEMBLY USING THE SAME	N/A	N/A
1761.1009	10/299,836	November 20, 2002	Katsufumi ABE	ROCKER ARM	November 20, 2002	013511/0973
1761.1010	10/059,249	January 31, 2002	Masatoshi NIINA	SHELL TYPE ROLLER BEARING ASSEMBLY	January 31, 2002	012555/0324

DOCKET No.	SERIAL NO.	FILING DATE	INVENTOR(S)	TITLE	ASSIGNMENT RECORDATION DATE	REEL/FRAME
1761.1011	10/098,369	March 18, 2002	Yasuaki TAKAHASHI, et al.	CAGED ROLLER ASSEMBLY AND REDUCTION GEAR UNIT USING THE SAME	March 18, 2002	012718/0252
1761.1012	10/634,762	August 3, 2003	Masahiko KATAOKA, et al.	ROCKER ARM	N/A	N/A
1761.1013	10/382,656	March 7, 2003	Toru TAKAHASHI, et al.	ROTATION DETECTING DEVICE AND ANTI-SKID BRAKING SYSTEM USING THE SAME	March 7, 2003	013864/0240
1761.1014	10/377,757	March 4, 2003	Hidehiko NISHIJIMA, et al.	FOIL BEARING AND SPINDLE DEVICE USING THE SAME	N/A	N/A
1761.1015	10/090,752	March 6, 2002	Hisashi OHTSUKI, et al.	WHEEL SUPPORT BEARING ASSEMBLY	March 6, 2002	012672/0938
1761.1016	09/972,949	October 10, 2001	Ryutaro OKA	BEARING ASSEMBLY WITH TEMPERATURE SENSOR	October 10, 2001	012249/0530
1761.1017	10/321,553	December 18, 2002	Takashi KOIKE, et al.	SENSOR-EQUIPPED BEARING ASSEMBLY AND MOTOR USING THE SAME	December 18, 2002	013623/0219
1761.1018	10/251,800	September 23, 2002	Tatsuo NAKAJIMA	MAGNETIC ENCODER AND WHEEL BEARING ASSEMBLY USING THE SAME	September 23, 2002	013321/0628
1761.1019	10/091,579	March 7, 2002	Koichi OKADA, et al.	WHEEL SUPPORT BEARING ASSEMBLY	October 21, 2002	013421/0618
1761.1020	10/013,552	December 13, 2001	Takashi NOZAKI, et al.	WHEEL SUPPORT ASSEMBLY FOR TRANSMITTING A DRIVE FORCE FROM AN ELECTRIC MOTOR TO A WHEEL	March 22, 2002	012712/0321
1761.1021	09/709,390	November 13, 2000	Hisashi OHTSUKI, et al.	WHEEL BEARING AND SEALING DEVICE THEREFOR	November 13, 2000	011309/0694
1761.1021 D	10/607,198	June 27, 2003	Hisashi OHTSUKI, et al.	WHEEL BEARING AND SEALING DEVICE THEREFOR	N/A	N/A
1761.1022	10/185,015	July 1, 2002	Kanji NAKAMURA, et al.	GRINDING SLUDGE COMPACTING MACHINE	July 1, 2002	013070/0994
1761.1023	10/244,472	September 17, 2002	Takayuki NORIMATSU	MAGNETIC ENCODER AND WHEEL BEARING ASSEMBLY USING THE SAME	September 17, 2002	013309/0541
1761.1024	09/989,458	November 21, 2001	Isamu YOSHIDA, et al.	POWERED STEERING DEVICE AND BALL SCREW MECHANISM THEREFOR	November 21, 2001	012319/0071
1761.1025	09/835,390	April 17, 2001	Shoji ITOMI	ROTATIONAL ANGLE SENSOR ASSEMBLY	April 17, 2001	011719/0663
1761.1026	10/621,404	July 18, 2003	Sadaji KATOGLI, et al.	WHEEL SUPPORT BEARING ASSEMBLY	N/A	N/A

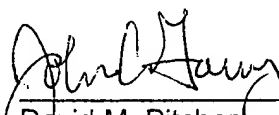
DOCKET No.	SERIAL NO.	FILING DATE	INVENTOR(S)	TITLE	ASSIGNMENT RECORDATION DATE	REEL/FRAME
1761.1027	10/033,910	January 3, 2002	Michio IHARA, et al.	METHOD OF MANUFACTURING OUTER RACES FOR TRIPOD-TYPE CONSTANT VELOCITY UNIVERSAL JOINTS	January 3, 2002	012433/0163
1761.1028	10/317,114	December 12, 2002	Koichi OKADA	VEHICLE MOUNTED BEARING ASSEMBLY	December 12, 2002	013573/0773
1761.1029	09/838,340	April 20, 2001	Kanji NAKAMURA, et al.	RECYCLE OF GRINDING SLUDGE	April 20, 2001	011734/0370
1761.1031	09/638,019	August 15, 2000	Hisashi OHTSUKI, et al.	SEALING DEVICE FOR A BEARING	August 14, 2000	011042/0507
1761.1031 D	10/254,579	September 26, 2002	Hisashi OHTSUKI, et al.	SEALING DEVICE FOR A BEARING	August 14, 2000	011042/0507
1761.1048	10/649,675	August 28, 2003	Katsufumi ABE	ROCKER ARM		
1761.1049	10/654,965	September 5, 2003	Hisashi OHTSUKI	WHEEL SUPPORT BEARING ASSEMBLY		

If there are any fees associated with the filing of this Statement and Certification, please charge and/or credit the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: November 19, 2003

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